

HOLZBECKER, Z.

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HOLZBECHER, Z.

CSSR

Institute of analytical chemistry, Technical Academy for Chemistry, Prague

Prague, Collection of Czechoslovak Chemical Communications, No 3, 1963,
pp 716-727

"Spectra and apparent Association Constants of Fluorescing Complexes of some
Salicylaldehyde Derivatives"

(1)

HOLZBECHER, Z.

Spectra and association constants of fluorescent complexes of some derivatives of salicylaldehyde. Coll Cz Chem 28 no.3:716-727 Mr '63.

1. Institut für analytische Chemie, Technische Hochschule für Chemie, Prag.

HOLZBECHER, Z.

"Qualitative anion-cation analysis" by E.J.Margolis. Reviewed by
Z.Holzbecher. Coll Gz Chem 29 no.5:1332 My '64.

L 31391-66

ACC NR: AP6021089

SOURCE CODE: CZ/0006/66/000/001/0001/0006

AUTHOR: Holzbocher, Zavis

41
B

ORG: Department of Analytical Chemistry, College of Chemical Technology, Prague
(Katedra analytické chemie, Vysoká škola chemicko-technologická)

TITLE: Connection between electronic structure and analytical groups of cations

SOURCE: Chemické listy, no. 1, 1966, 1-6

TOPIC TAGS: electron structure, cation, ionization potential, anion, solubility, aqueous solution, intermolecular complex, hydroxide, analytic chemistry, organic salt, hydrogen sulfide

ABSTRACT: Cations with a small ion potential and an electron envelope which is not too easily deformed yield salts of higher solubility than ions with a high potential and a deformable envelope, where covalent bonds are formed more easily. The nature of the anion is also important. The connection between the character of the cations and their classification into analytical groups according to the hydrogen sulfide method is discussed. With an increasing cation potential the solubility of its hydroxide decreases. Reactions in water solutions, when complex com-

Card 1/2

Card 2/2

PASTERNAK, G.; HOLZER, B.

Demonstration of immunological differences between Graffi- and Gross-virus induced mouse leukemias in vivo and in vitro. Neoplasma (Bratisl.) 12 no.4:339-355 '65.

1. Institut für Krebsforschung der Deutschen Akademie der Wissenschaften. Bereich: Experimentelle Krebsforschung, Berlin-Dach, DDR.
Submitted October 24, 1964.

HOLZER, P.

Significance of damage caused by moths and other insects for the textile industry, p. 239, MAGYAR TEXTILTECHNIKA (Textilipari Muszaki es Tudomanyos Egyesulet) Budapest, No. 7, July 1956

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956

Card 4/4

HOLZMANN, A.

TECHNOLOGY

Periodical: STROJIRENSKA VYROBA. Vol. 6, no. 11, Nov. 1958.

HOLZMANN, A. Pneumatic technology helps the welding and forging shops. p. 496.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

HOLZMANN, A.

Air cooling of radio and television transmitters in operation. p. 215.

ZDRAVOTNI TECHNIKA A VZDUCHOTECHNIKA. (Ceskoslovenska akademie ved. Ceskoslovenska vedecka technicka spolecnost pro zdravotni techniku a vzduchotechniku) Praha, Czechoslovakia. Vol. 2, no. 5, 1959.

Monthly list of East European Accessions (EEAI), Vol. 9, no. 1, Jan. 1960

Uncl.

HOLZMANN, Arnost, inz.

"Maintenance and repair of pneumatic machines, instruments, and apparatus" by A. Liska, J. Kroupa, V. Novotny. Reviewed by Arnost Holzmann. Stroj vyr 13 no.1:6, Ja '65.

L 9522-66 EWP(w)/EWA(d)/T/EWP(t)/EWP(L)/EWP(h) IN
ACC NR: AP6002635 SOURCE CODE: CZ/0032/65/015/002/0110/0116

AUTHOR: Skarek, J.; Holzmann, M.

ORG: Institute of the Properties of Metals, CSAV, Brno (Ústav vlastností kovů CSAV)

TITLE: Mechanical properties of low-carbon hardened steel

SOURCE: Strojirenství, v. 15, no. 2, 1965, 110-116

TOPIC TAGS: low carbon steel, martensite, metal property, solid mechanical property

ABSTRACT: The article deals with the mechanical properties of low-carbon martensite under static, cyclic and impact loads. It stresses the outstanding strength of hardened low-carbon steels, combined with satisfactory ductility, high fatigue limit and low critical temperature of embrittlement. Its main shortcoming is limited hardenability, so that its good properties can be fully utilized only in the case of small parts with thin walls. Recent research work indicates that low-carbon steel may find wider fields of application in the near future. This work was presented by Eng. V. Linhart, Candidate of Sciences. Orig. art. has: 13 figures, 2 tables. [JPRS]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 007 / OTH REF: 006
SOV REF: 001

Card 1/1

SKAREK, J.; HOLZMANN, M.

Mechanical properties of low-carbon hardened steel. Strojirenstvi
15 no.2-110-116 F '65.

1. Institute of Metal Properties of the Czechoslovak Academy
of Sciences, Brno.

HOLZMANN, Max.

Effort test in electrocardiography. Spr arhiv lekar 82 no.3:293-308
Mr '54. (REAL 3:6)

(ELECTROCARDIOGRAPHY
*effort test in)

HOLZMANN, Miloslav, inz., ScC.

Determination of the relative stress gradients of the
notched strips and strips with a hole of finite dimension.
Stroj cas 14 no.4:367-380 '63.

1. Laborator pro studium vlastnosti kovu, Ceskoslovenska
akademie ved, Brno.

ACCESSION NR: AP4017930

2/0065/64/000/001/0080/0098

AUTHOR: Klesnil, Mirko; Holzmann, Miloslav (Gol'tsman, Miloslav)

TITLE: Changes in mechanical characteristics and the logarithmic decrement of damping in the cyclic loading of alpha-iron with different C + N contents

SOURCE: Kovove materialy, no. 1, 1964, 80-98

TOPIC TAGS: mechanical characteristic, logarithmic damping decrement, cyclic loading, alpha-iron, softening, hardening, damp-hydrogen atmosphere, stress amplitude, resonance frequency, deformation, dislocation density, slide-area density, nucleation point, cohesion failure

ABSTRACT: The paper shows the effect of the interstitial C + N atom content on changes in the mechanical characteristics of a Fe-C-N alloy under cyclic loading. Softening occurs when samples of low-carbon steel are used (dislocations before loading are firmly blocked by the C + N atoms). After annealing in a moist-hydrogen atmosphere the samples are seen, upon loading, to assume a firmness characterized by an increase in the stress amplitude and a reduction in the alternating plastic deformation. Using resonance frequencies and small deformation amplitudes

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ACCESSION NR: AP4017930

($\epsilon_a = 10^{-7}$ to 10^{-6}), the authors measured in the various loading phases only a growth in the damping parallel to the softening measured. In samples annealed in a moist-hydrogen atmosphere the damping dropped rapidly in the initial stage of loading, but rose again after reaching a minimum following a very small number of cycles ($N = 2.5, 10^2$ to 10^4). Both processes take place in the strengthening area. Considering models for dislocation damping in comparison with changes in damping after static deformation of monocrystal and polycrystal materials, they found that with small deformation amplitudes the decrease and increase in damping can be related to the increase in the dislocation density with different degrees of plastic deformation. From the differences in the courses of damping in the higher stages of loading of samples with different C + N contents, one may draw conclusions about the aging processes taking place in cyclic deformation. The measurements showed that the rate of growth of the logarithmic decrement in the initial loading stages is directly proportional to the logarithm of the number of cycles before failure, which indicates that the damping rate can be related to the increase in the density of the slide zones, some of which are nucleation points of cohesion failure. Original has 15 graphs, 1 diagram and 3 equations.

Card 2/3

ACCESSION NR: AP4017930

ASSOCIATION: Ustav vlastnosti kovu CSAV, Brno (Establishment for the Properties of Metals of the Czechoslovak Academy of Sciences)

SUBMITTED: 26May63

DATE ACQ: 12Mar64

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 020

Card 3/3

HOLZMANN, Miloslav, inz. CSc.

Effect of nonhomogeneous stress on the braking load of metals
in cyclic loading. Stroj cas 15 no.5:419-442 '64

1. Institute of Metal Properties, Czechoslovak Academy of
Sciences, Brno.

KLESHIL, Mirko; HOLZMANN, Miloslav; RYS, Premysl

Regeneration process in the Fe-C-N alloys subsequent
to static and cyclic deformation. Hut listy 17 no.4:265-272
Ap '62.

1. Laborator pro studium vlastnosti kovu, Ceskoslovenska
akademie ved, Brno.

L 18847-63 EWP(q)/BDS AFFTC/ASD JD

ACCESSION NR: AP3005771

Z/0041/63/000/004/0367/0380

AUTHOR: Holzmann, Miloslav (Engineer, Science candidate)

TITLE: Relative stress gradients in strips with notches and holes of finite dimensions

SOURCE: Strojnický časopis, no. 4, 1963, 367-380

TOPIC TAGS: stress concentration, notch sensitivity, stress gradient, stress, stress vector, notch radius

ABSTRACT: Stress vectors of a notch of infinite depth in a relatively wide strip are derived on the basis of Neuber's expressions. Relations for relative stress gradients at the root of a notch in a strip of finite dimensions notched on both sides are obtained. In the case of a strip with a hole Howland's expressions for stress vectors are considered. The suggested method for calculating stress gradients has been verified experimentally in photoelastic measurements of a series of specimens. In his calculations the author defines the stress gradient as a value independent from the load at a given point and applies it to the stress and deformation at this point and calls it "relative stress

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L 18847-63

ACCESSION NR: AP3005771

gradient or deformation gradient." The product of the relative stress gradient and the curvature radius of the notch is derived and its expression given in Encl. 1 is suggested as a criterion of interdependency of these parameters for any boundary condition relative to the depth of the notch. Photoelastic measurements taken on a number of specimens for the verification of Neuber's interpolation relations for finding the stress concentration factor α_k have been used for establishing the n exponent in the suggested formula. Calculated Q_k values for various a/c and t/c (a = width, t = depth and c = radius of the notch - a constant value = 2.4 mm) proved to be in good agreement with measured results for $n = 2$. The same criterion is used in the case of a strip with a hole and the ak results for different $\lambda = a/b$ have been plotted and compared with ak values derived from the Massonet relations (ref. 6: Massonet Ch., Proceedings ASTM, 56,954,1956) shown in Fig. 9, Encl. 2. The Massonet curve shows discrepancy with the calculated ak curve at points $\lambda > 0.2$; the author considers the approximate Massonet expressions for ak values not suitable for cases with λ exceeding 0.2. The author concludes his work with the following observations:
a) the product of relative stress gradient and the notch radius at the source of

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L 18847-63

ACCESSION NR: AP3005771

stress concentration $\sigma_k = C$ is constant for flat specimens and points to the notch curvature at the stress concentration source as the main determinant of the non-homogeneity in tension. He suggests to use for C a value 2.15 in practical calculations. b) in geometrically similar specimens having a constant stress concentration factor \propto the inhomogeneous tension has a substantial effect on the material properties as the k value in the $\sigma_k = C$ relation changes substantially. Orig. art. has: 23 formulas, 9 figures.

ASSOCIATION: Laborator pro stadium vlastnosti kovu CSAV, Brno (Laboratory for study of properties of metals, CSAV)

SUBMITTED: 25Feb63

DATE ACQ: 15Aug63

ENCL: 02

SUB CODE: AP

NO REF SOV: 001

OTHER: 015

Card 3/5

Z/032/63/013/003/002/006
E073/E135

AUTHORS: Holzmann M., and Klesnil M.

TITLE: Influence of precipitation hardening on the mechanical properties of carbon steels

PERIODICAL: Strojirenství, v.13, no.3, 1963, 193-196 and 207

TEXT: The aim of the work was to determine the behavior of precipitation hardened steels during static, cyclic and impact loading for the purpose of elucidating the effect of ageing on the operating properties. The experiments were carried out using a low carbon steel and a medium carbon steel, the compositions of which were as follows: Steel ČSN 12010 - 0.11% C, 0.32% Si, 0.01% Mn, 0.028% P, 0.024% S, 0.0011% N₂, 0.0056% O₂. Steel ČSN 12040 - 0.32% C, 0.28% Si, 0.79% Mn, 0.032% P, 0.019% S, 0.0073% N₂, 0.0022% O₂. The steel ČSN 12010 was normalization annealed to a grain size of 0.02 mm. The steel ČSN 12040 was annealed for one hour at 1100 °C and then slowly cooled with the furnace. This was done to achieve a suitable grain size for measuring the microhardness of the ferrite. Tensile and impact specimens were produced from both steels. Some of the
Card 1/3

Influence of precipitation hardening... 2/032/63/013/003/002/006
E073/E135

specimens were tested in their original state; others were annealed for 30 min at 700 °C and then rapidly quenched in water of 18 °C. The specimens were precipitation hardened at 20 °C. The tensile tests were performed at room temperature. The fatigue limit of the steel ČSN 12010 was tested on several specimens of different design using a micropulsator, designed by the authors of this paper, and capable of producing alternating, tensile and compressive stresses with a maximum force of 1 600 kg at a frequency of 1470 cycles per minute. The shape of the specimens was such that the loading was exactly concentric. In addition, the macro- and micro-hardness were measured during the experiments. The results confirmed the known fact that ageing or saturation solution treatment leads to an increase of the yield point and the strength of the steel, simultaneously to a lowering of the fatigue limit. They also confirmed that precipitation-hardened low-alloy steels are prone to the formation of brittle fractures. The authors also state that precipitation hardening does not improve the resistance of the steel to fatigue failure, but that the precipitation treatment would result in a decrease of about a considerable increase in the fatigue limit of the steel.

Card 2/3

Influence of precipitation hardening.. Z/032/63/013/003/002/006
E073/E135

Results of the notch sensitivity of annealed and precipitation-hardened steels confirmed that precipitation hardening has almost no influence on the notch sensitivity.
There are 6 figures and 3 tables.

ASSOCIATION: Laborator pro studium vlastnosti kovů ČSAV, Brno
(Laboratory for the study of the properties of
metals, ČSAV, Brno)

Card 3/3

HERCIK, F.; HOLZMANNOVA, Alice

Sensitization of the Capacity of Escherichia coli B for phage
T3 to X-rays by iodoacetamide. Folia biol. (Praha) 11 no.3:
243-245 '65

1. Institute of Biophysics, Czechoslovak Academy of Sciences,
Brno.

HOLZSCHUH, Jelena; PETER, Janos; AMBROSIC, Franjo

A case of congenital esophageal atresia. Med. pregl. 17 no.7:
383-385 '64

1. Akusersko, dječje i hirursko odjeljenje Opšte bolnice,
Sombor (Upravnik bolnice: Dr.Dorde Lazic).

BUNSCH-WELKENS, Krystyna; KOLODZIEJCZYK, Adam; oraz współpracownicy:
HOMA, A.; WOJTOWICZ, A.

Seromucoid level of the blood serum as an index of the acute
inflammatory phase in chronic rheumatic diseases. Reumatologia
(Warsz.) 3 no.3:237-244 '65.

1. Z Instytutu Reumatologicznego, Oddział w Krakowie (Kierownik:
prof. dr. med. A. Sokolowski).

PLACHECKA-GUTCOWSKA, Maria; HOMA, Joanna

A case of Takayasu's syndrome with neurological manifestations.
Polski tygod. lek. 16 no.28:1079-1082 10 J1 '61.

1. Z Oddziału Neurologicznego Szpitala Miejskiego Nr 1; ordynator:
dr med. J. Morawiecka i I Kliniki Chorob Wewnętrznych A.M. w Warszawie;
kierownik: prof. dr nauk med. A. Biernacki.

(AORTA dis) (NEUROLOGICAL MANIFESTATIONS)

K. Cazafura; PAVKO, D.; SIRCA, F.; KERSNIC, Viktor, prof. dr. inz.;
KOSAK, K.; GRAFENAUER, S.; PODGORNIK, A.; KERNC, J.; DOBOVISEK,
Bogomir, docent, dr. inz.; OCEPEK, Drago, docent, dr. inz.;
HOMAN, A.; MARCEC, M.; RANKEL, J.; CRNIVEC, M.; SMAJIC, N.;
CUCEK, I.; KERSNIC, V., ml.; VODOPIVEC, F.

New books. Rud met zbor no. 2:144-187 '63.

1. Glavni urednik, "Rudarsko-metalurski zbornik" (for Viktor Kersnic).
2. Clani Uredniskoga odbora, "Rudarsko-metalurski zbornik" (for Dobovisek and Oceppek).

EXCERPTA MEDICA Sec 15 Vol 13/6 Chest Lls. June 60

1492. A COMPARISON OF PATHO-HISTOLOGICAL FINDINGS IN RESECTED BRONCHI WITH THE POSTOPERATIVE COURSE IN PULMONARY TUBERCULOSIS - Usporedba patohistoloških nalaza resektiranog bronha i postoperativnog toka kod tuberkuloze pluća - Homadovski J., Francisković V., Kuliš M. and Martinec N. - TUBERKULOZA 1959, 11/1 (100-104)

From a material of 100 resections for pulmonary to the bronchi of 50 cases, out of which 10 with bronchopleural fistulae, were carefully examined histologically. In all cases with fistulae the bronchus was severely affected, in half of the other 40 cases tuberculous lesions of the bronchus were also found. This points to a close connection of tuberculous lesions with the development of fistulae. The same relation exists in regard to vascular lesions that were found in the same proportion. Serious non-specific changes do not seem to have any connection with fistulae.

Furlan - Golnik (XV, 9*)

HOMAN, A.

Rescue work in mines and foundries in Slovenia. p. 451.

RUDARSKO-METALURSKI ZBORNIK. (Ljubljana. Univerza. Fakulteta za rudarstvo, metalurgijo in kemijsko tehnologijo. Oddelek za rudarstvo in metalurgijo) Ljubljana, Yugoslavia, No. 4, 1958,

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 6, June 1959.

Uncl.

HOMAN, Anton, dr. inz., izredni profesor

Legal and technical regulations after the publication of
the Law on Mining. Rud met zbor no.3:235-243 '62.

1. Oddelek za montanistiko Univerze v Ljubljani, Askerceva
20, Ljubljana.

HOMANNAY, Nandor, dr.

Nuptial flight. Elat tud 18 no.19:608 12 My '63.

HOMANSKA-SZAFRANOWA, H.; OLEKSY, J.

Electrophoretic isolation of enzymes in pancreatic juice in dog.
Acta biochim. polon. 3 no.4:663-675 1956.

1. Z Zakładu Chemii Fizjologicznej A.M. w Krakowie Kierownik
prof. dr. B. Skarzynski, i z Zakładu Fizjologii A.M. w Krakowie
Kierownik prof. dr. J. Kaulbersz.

(PANCREAS,

juice, electrophoresis of enzymes (Pol))

(ENZYMES, determination,

in pancreatic juice, electrophoresis (Pol))

SZAFRAN, Z.; HOMANSKA-SZAFRANOWA, H.; OLEKSY, J.

Distribution of enzymes of the esterase group in the proteins fractions of the pancreatic juice in the dog. Acta biochim. polon. 5 no.2:189-197. 1958.

1. Z Zakladu Chemii Fizjologicznej A.M. w Krakowie. Kierownik:
Prof. dr B. Skarzynski i z Zakladu Fizjologii A.M. w Krakowie Kierownik:
Prof. dr J. Kaulbersz.

(ESTERASES,

in protein fractions of pancreatic juice of dog (Pol))

(PANCREAS,

juice, esterases in protein fractions in dog (Pol))

~~ROMANSKA-SZAFRANOWA, H., OLEKSY, J., SZAFRAN, Z.~~

Effect of purified secretin and pancreatic enzymes and of pilocarpine on secretion of enzymes in the pancreatic juice in dog. Acta physiol. polon. 9 no.2:233-245 1958

1. Z Zakladu Chemii Fiziologicznej A.M. w Krakowie. Kierownik: prof. dr B. Skarzynski i z Zakladu Fiziologii A.M. w Krakowie, Kierownik: prof. dr J. Kaulbersz.

(SECRETIN, effects,

on pancreatic enzyme content in dog (pol))

(PILOCARPINE, effects,

same (Pol))

(PANCREAS,

juice, eff. on enzyme content of secretin, pancreatic enzymes & pilocarpine (Pol))

Hambek, Maria

V.7.3-232
Hombek, Maria. Plejstoceni i okres pluwialny. [Pluvial period in the Pleistocene].
Conspectus Geographicae. Warsaw 1941. 134, 345, 193d. fig. 1. 12 bibl. 15 ref. Shows
relationships between the glacial and the post-glacial stages in Europe, Africa, Palestine, and Asia. The
formation of the pluvial period from mountain glaciers and rivers.
The pluvial formations are divided into cold rain pluvial periods and
dry pluvial periods, which synchronous with glacial periods.
Subject Headings: 1. Pluvial periods. 2. Pleistocene.

HOMEI, V.

Conservation and utilization of natural reservations in the Czechoslovak Republic. p.151

OCROTIREA NATURII. (Academia Republicii Populare Romine. Comisia pentru Ocrotirea Monumentelor Naturii) Bucuresti.

No. 1, 1955

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

HOMEL. V.

The hunchen (Huch huncho L.) in waters of our country. p. 101.
(Ocrotirea Naturil, No. 2, 1956, Bucuresti, Romania)

SO: Monthly List of East European Accessions (KIAL) Lc. Vol6, No. 8, Aug 1957. Uncl.

HOMEI, V.

TECHNOLOGY

Periodicals: CELULOZA SI HIRTIE. Vol. 7, no. 6, June 1958

HOMEI, V. Protection of nature in the Danube River delta, and the problem of the utilization of natural resources. p. 215.

Monthly List of East European Accessions (EEAI) LC, Vol. 2, No. 2,
February 1959, Unclass.

HOMEL, V.; BARBU, Pr.

Gestation in *Miniopterus schreibersi*. Studii cerc biol
anim 14 no.1:57-64 '62.

1. Comunicare prezentata de V. Ghetie, membru corespondent
al Academiei R.P.R., si membru al Comitetului de redactie,
"Studii si cercetari de biologie; Seria biologie animala."

HOMEL, V. (Bucuresti)

Protection of water. Natura Biologie 14 no. 1:80-83 Jan '62.

HOMENKO. L.

TECHNOLOGY

Periodical: SAOPSTENJA. TRANSACTIONS. No. 11, 1958.

HOMENKO, L. Design of melioration plans. p. 11.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

HOMER, J.

"CKD refrigerating centrifugal compressors."

p. 54 (Czechoslovak Heavy Industry /Special issue/ 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

BROSS, Wiktor; KOWARZYK, Hugon; KOWARZYKOWA, Zofia; KUSTRZYCKI, Anatol;
HOMIK, J.

Typical QRS vectorcardiograms during cardiac load in interauricular
septal defects. Pol. tyg. lek. 16 no.51:1963-1966 18 D '61.

1. Z II Kliniki Chirurgicznej, Katedry Patologii Ogólnej i Doswiadczał-
nej, Ośrodka Kardiologicznego przy PSK 1 A. M. we Wrocławiu)

(VECTORCARDIOGRAPHY) (HEART SEPTUM abnormal)

RASZEK, Jan; HOMIK-LENARTOWSKA, Irena

Syndrome of herpetic stomatitis and diarrhea. Polski tygod. lek.
10 no.8:227-229 21 Feb 55.

1. Z klin. chor. wewn. dzieci; kir.doc.dr. Jan Raszek, instytutu
matki i dziecka w Warszawie; dyr. prof. dr. Fr.Groer.

(STOMATITIS

herpetic with diarrhea, epidemiol.)

(DIARRHEA, complications

stomatitis, herpetic, epidemiol.)

HOMMIK, K., kand. tekhn. nauk; KALJUMAE, H., inzh. gidrotekhn.;
KASK, R., kand. sel'khoz. nauk; KATUS, A., inzh. lesnogo khoz.;
KILDEMAA, K., kand. geogr. nauk; KURKUS, J., agronom; LIPPMAA, A.,
inzh. gidrotekhn.; PANT, R., prepodavatel', agronom; RAIG, V.,
inzh. gidrotekhn.; REMEL, A., inzh. melior.; TALPSEPP, E., kand.
sel'khoz. nauk; SOOSAAR, V., inzh., lesnogo khoz.; STEINFELD, R.,
inzh. stroit.; TOMINGAS, E., inzh. melior.; KARUS, G., red.;
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Uncl.

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1. Bacs-Kiskun Megyei Tanacs Korhaz (Kecskemet), I. Belosztaly.
(DERMATOMYOSITIS) (NORTESTOSTERONE) (CHLOROQUINE)
(URINATION DISORDERS)

SABACKY, Vladimir, inz.; HOMOLA, Bedrich, inz.; VAVRA, Miroslav, inz.;
GALLAS, Jan

Effectiveness of the construction of main lumberyards depends
on the use of heavy duty machines. Les cas 11 no.3:249-272
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1. Enterprise Management of State Forests, Brno (for Sabacky
and Homola). 2. Forest Enterprise Telc (for Vavra). 3. Forest
Enterprise Rajnochovice (for Gallas). Submitted November 3,
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Atypical forms of the Wolff-Parkinson-White syndrome and kindred ECG pictures. Cor vasa 5 no.4:288-300 '63.

1. IIIrd Internal Clinic, Faculty of Medicine, Purkyne University, Brno, Czechoslovakia.
(WOLFF-PARKINSON-WHITE SYNDROME)
(ELECTROCARDIOGRAPHY)

HOKOLA, Dusan., MUDr.

Therapeutic use of potassium in heart diseases.
Vnitr. lek., Brno 1 no.4:300-305 Apr 55

1. Z III. vnitřní kliniky MU v Brně, zastupce přednosty prof.
MUDr Jaroslav Pojer
Brno, Botanická c. 5.

(HEART DISEASES, therapy
potassium)
(POTASSIUM, ther. use
heart dis.)

HONIG, A.

A case of ventricular tachycardia induced by prolonged tachycardia with QRS complexes and evoked by orthostasis. Cor Vasc. 6 no.3:240-243 1964.

1. The First Internal Clinic, Medical Faculty of J.E. Purkinje University, Brno.

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The use of ajmalin for the normalization of the V-V syndrome.
(Preliminary report). Ger. med. fac. med. Brunensis 38 no.1:
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1. 1st Medical Clinic, Medical Faculty of J. E. Purkyně University in Brno (Chief - Prof. Dr. med. and Dr. Phil. Jaroslav Nojka).

HOMOLA, Dusan; NEVRTA, Milan

The spatio-cardiographic picture of the W-F-W syndrome. Čas.
med. fac. med. Brunensis 38 no.1:13-18 '65

1. 113-rd Medical Clinic; Institute of pathological physiology,
Medical Faculty of the J.E. Purkyně University, Brno (Chairman
Prof. MUDr. J. Fojer, Doc. MUDr. J. Vasku).

HOMOLA, Dusan, MUDr.

Our experience with therapy of hypertension with Rauwolfia alkaloids. Vnitr. lek., Brno 1 no.6:462-467 June 55.

1. Z III. vnitřní kliniky lékařské fakulty MU v Brně, s.s.
Prednosta prof. MUDr. Jaroslav Pojer, Brno, Botanická 5.

(HYPERTENSION, therapy

Rauwolfia alkaloids.)

(RAUWOLFIA ALKALOIDS, ther. use
hypertension.)

CZECHOSLOVAKIA

ZOUHAR, A.; HOMOLA, D.; SRNOVA, V.; Neurological Clinic (Neurologická Klinika) Head (Prednosta) Prof Dr K. POPEK; 3rd Internal Clinic (III. Interní Klinika) Head (Prednosta) Prof Dr J. POJER, Medical Faculty, J.Ev. Purkyne University (Lékařská Fakulta UJEP) Brno.

"Paroxysmal Tachycardia in the EEG."

Prague, Ceskoslovenska Neurologie, Vol 29, No 3, May 66, pp 186 - 193

Abstract /Authors' English summary modified_: In 21 patients suffering from paroxysmal tachycardia neurological as well as EEG examination was performed. 16 EEG recordings were abnormal. In 7 cases there were signs of a temporal focus, in 5 there was bilateral synchronous slow activity, and in 4 the graph was flat. When recordings were made during paroxysm the abnormality was more pronounced. The structures of the temporal lobe contribute to the so-called idiopathic paroxysmal tachycardia. Treatment of temporal epilepsy is discussed. 4 Figures, 8 Western, 2 Czech references. (Manuscript received 14 Jun 65).

1/1

HOMOLA, D.; ROUS, J.; SRNOVA, V.; VANK, L.

Changing ventricular pre-excitation in a champion swimmer.
Voj. zdrav. listy 34 no.6:250-253 D '65.

1. III. interni klinika lek. fakulty University J.E. Purkyne
v Brne (prednosta prof. MUDr. Jaroslav Pojer) a Katedra telo-
vych. lekarstvi lek. fakulty University J.E. Purkyne v Brne
(prednosta MUDr. Vlad. Drazil).

E 31011-66

ACC NR: AP6023119

SOURCE CODE: CZ/0060/65/000/006/0250/0253

AUTHOR: Homola, D.; Rous, J.; Srnova, V.; Vank, L.

ORG: 3rd Internal Clinic, Medical Faculty, UJEP /headed by Professor, Doctor of Medicine Jaroslav Pojor/, Brno (III Interni Klinika lek. fakulty UJEP); Department of Physical Education Medicine, Medical Faculty, UJEP /headed by Doctor of Medicine Vlad. Drazil/, Brno (Katedra Telovych lekarstvi lek. fakulty UJEP)

TITLE: Changing ventricular preexcitation found in a successful swimmer

SOURCE: Vojenske zdravotnicke listy, no. 6, 1965, 250-253

TOPIC TAGS: blood circulation, cardiovascular system, drug effect, human physiology

ABSTRACT: Mutual transitions between preexcitations of the syndrome types C-L-C and W-P-W are possible under certain circumstances. Sympatol caused a temporary suppression of the activity of the sinusoidal node; this happens frequently both in trained athletes and untrained people. The heart of trained athletes can reach the minute volume during extremes of a performance even when the permanent reduction of the interval causes the heart to contract before the systole of the chambers can help to fill the blood hemodynamically. Orig. art. has: 5 figures. [JFRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 003 / SOV REF: 002
OTH REF: 013

Card 1/1 LC

UDC: 616.124-008.313-057.5:797

HOMOLA, Dusan, MUDr.; SRNOVA, Vera, MUDr.

Rare disturbances of cardiac rhythm following cardiotonic therapy. Vnitřní lek. 11 no.12:1203-1210 D ' 65

1. III. vnitřní klinika lékařské fakulty University J.E. Purkyně v Brně (prednosta: prof. MUDr. a PhDr. Jaroslav Pojer).

HOMOLA, F.

Notes on the development of our electric-power system. p. 165.
ZA SOCIALISTICKOU VEDU A TECHNIKU. Vol. 4, no. 4, Apr. 1954.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 5, No. 6, June 1956 Uncl.

~~COMOLA, Frantisek~~, inzh. [Homola, František]; RATAY, Milosh, inzh.
[Rataj, Milos]; SHCHIPANOVA, T.N. [translator]; ZEYLIDZON, Ye.D.,
red.; LARIONOV, G.Ye., tekhn. red.

[Development of electrification in the Czechoslovakian Socialist
Republic] Razvitie elektrifikatsii v Chekhoslovatskoi Sotsiali-
cheskoi Respublike. Moskva, Gos. energ. izd-vo, 1961. 80 p.
(MIRA 14:6)

(Czechoslovakia—Electrification)

OSOLSOBE, J., dr., inz.; HOMOLA, F., inz.; KUCERA, F., inz.; PAVLICEK, Z., inz.; KUBINEC, R., inz.; CABELKA, J., akademik; SIMURDA, L. inz.; JUZA, J., dr., inz.; KRAL, V., inz.; POSPISIL, J., inz.; DOLEZAL, R., prof., dr., inz.; ZEMAN, Vl., inz.; LIMPOUCH, B. inz.; SVAB, V., dr., inz.; LASKA, L., inz.; JAHODAR, V., inz.; KOHN, F., inz.

Development of power installations over a long period of time; summary of reports made at the 7th Conference of Power engineers in Bratislava, September 6-8, 1960. Energetika Cz 11 no.3: Suppl: Energetika 11 no.3:1-23 '61.

1. Chlen korespondent Ceskoslovenske akademie vud (for Osolsobe).

CERNIK, Oldrich; GASEK, inz.; STRIBRNY, A.; NOVOTNY, V.; ROUCEKA, inz.;
JERIE, dr.; BENDA, O.; HINKE, dr.; HOMOLA, F., inz.; SPETL, doc.,
inz., dr.; ZAK, inz.; ZEMAN, inz.; PAVLICEK, Z., inz.; VESELY, E.,
inz.; KUCERA, Fl., inz.; VALD, V.

Main trends and goals in increasing the utilization of fuels and
energy in the national economy in long range planning up to 1970.
Energetika Cz 12 no.12:Suppl.:Energetika 11 no.12:1-14 '62.

1. Ministr paliv a energetiky (for Cernik).

HOMOLA, Jaroslav

Use of the stage development results in growing new varieties of Brassica oleracea, especially the vernalization of the Moravia and Prague white cabbages. Vest ust zemedel 11 no.2/3:103-104 '64.

1. Plant Breeding Station, Smrzice.

HOMOLA, LADISLAV.

Homola, Ladislav. *Maszyny elektryczne prądu zmiennego. Przetłumaczył Wojciech Stanislawski. Warszawa, Państwowe Wydawn. Techniczne, 1950.* Electric machines for alternating current. Vol. 1 Synchronous machines. Tr. from the Czech. illus., diagrams

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, LC, VOL.3 no. 4, APRIL 1954

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Bhemical Abstracts,
v. 47, July 10, 1953,
Biological Chemistry

Thermosmosis and biological concentration work. E. Homola and L. Homola (Univ. Pécs) *Acta Physiol. Acad. Sci. Hung.* 3, 467-505 (1952) (in German).—A large no. of thermosmotic expts. are described by using in part dried protein membranes. Maintaining a temp. difference between the media on both sides of the membrane results in a flow of solvent from the warmer to the colder side. A small puncture in the membrane maintains equal hydrostatic pressure on both sides of the membrane, by allowing the soln. to flow back in an amt. equal to that of solvent diffused through the whole membrane by thermosmosis.
Peter Bernfeld

HOMOLA, Stanislav, plukovník

Our sport aeronautics and its tasks. Letecký obzor 7 no.3:66-69 Mr
'63.

1. Místopředseda Ústředního výboru Svazu pro spolupráci s armádou.

HOMOLA, V; KRESÁNEK, J.

Czechoslovakia

Bratislava, Farmaceutický Obzor, No 10, 1962, pp 452-457

"Development of the Faculty of Pharmacognosis."

GOMOLA, V. [Homola, V.]

Supporting wells. Prace ust naft 18:26-28 '61.

GOMOLA, V. [Homola, V.]; GANZLIKOVÁ, E. [Hanzlikova, E.]

Exploration of natural gas deposits in Ostrava and Beskyd
Mountains area. Prace ust naft 18:29 '61.

HOMOLA, V.

"Development of the Helvetian in the area southeast of Brno; with a list of the micro-fauna."

p. 97 (Sbornik Vedeckych Praci) Vol. 3, no. 1, 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) US. Vol. 7, no. 4,
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HCHCIA, V.; HOLEKNECHT, M.

The age of Miocene formations in the outer Carpathian basin of the Paskids region.
p.211.
(PRAGUE, Vol. 32, no. 3, 1957, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957. Incl.

NEUBERG, Jaroslav, inz., C.Sc.; HOMOLA, Vaclav, inz.

Research on combined fertilizers in Czechoslovakia. Agrochem 2
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1. Ceskoslovenska akademie zemeledskych ved, Vyzkumny ustav rostlinne
vyroby, Praha-Rusyne.

HGMCLA, V.

Is it economical to build Hungarian power plants with spare boilers?

p. 18 (Energia es Atomtechnika) Vol. 10, no. 1, Apr. 1957, Budapest, Hungary

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EMAI) LC, VOL. 7, NO. 1, JAN. 1958

HOMOLA, Viktor, ing. (Budapest)

Selecting the main aggregates for the condensation thermoelectric-power stations. Energetica Rum 7 no.11:443-450 W '59.

HOMOLA, V.

"Mechanized coal-sample taking in power plants. pt. 2." (To be contd.)
p. 141.

ENERGIA ES ATOMTECHNIKA. (Energiagazdalkodasi Tudomanyos Egyesulet).
Budapest, Hungary, Vol. 12, No. 2/3, Feb./Mar. 1959.

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1959.
Uncla.

HOMOLA, Vitezslav

Isolation of cardiac glycosides. Cesk. farm. 3 no.8:285-289 Oct 54.
(CARDIAC GLYCOSIDES,
isolation)

HOMOLA, V.

Distr: 4E2c(1) 7 7

V Cleavage of cumene hydroperoxide to phenol and acetone. Václav Homola. Czech. 87,048, Sept. 18, 1987. Adding drops of cumene hydroperoxide in cumene to 1 g. phenylsulfonic acid in 40 g. PhOH so that the temp. does not exceed 40° and keeping the mixt. 10 min. at 60° gives 88.2% PhOH. L. J. Urbancik

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HOMOLA, VITEZSLAV

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S/282/63/000/001/005/011
A059/A126

AUTHORS: Horák, František, Homola, Vítězslav, Kozák, Jaromír

TITLE: A method of determining the concentration of cumene peroxide in the reaction products of phenol and acetone production, and a setup for its realization

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 47. Khimicheskoye i kholodil'noye mashinostroyeniye, no. 1, 1963, 36, abstract 1.47.221 P (Czech. pat., cl. 421, 3/07, 12o, 10, 12q, 14/02, no. 99492, May 15, 1961)

TEXT: When phenol and acetone are produced by decomposing cumene peroxide in the presence of a catalyst, the concentration of cumene peroxide in the reactor has to be quickly determined. If the maximum permissible concentration is exceeded, an explosion may occur. Therefore, a sample is continuously taken from the reactor which is passed through an inclined tube. First, its initial temperature is measured. After the temperature pickup, a catalyst (e.g., sulfuric acid) is introduced into the tube, and the sample arrives at the second

Card 1/2

A method of determining the concentration of

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temperature pickup. From the temperature difference due to the exothermic decomposition reaction of cumene peroxide the peroxide concentration is determined with the aid of empirical tables. In the case of an excess cumene peroxide concentration, a catalyst is introduced into the reactor or the amount of cumene peroxide supplied is reduced. An automatic control of the process is feasible. There are 3 figures.

I. Gvozdev

[Abstracter's note: Complete translation]

Card 2/2

DVORAK, Jaroslav; MUSIL, Rudolf; SEKANINA, Josef; ZUREK, Vladimir;
TRACHTULEC, Jan; VODA, Oldrich; CHLUPAC, Ivo; HOMOLA, Vladimir;
PESEK, Jiri; ZAK, Lubor; GASPARIK, Jan

Activities of the branches of the Czechoslovak Society for
Mineralogy and Geology in Brno, Most, Olomouc, Ostrava, Praha
and Zilina. Cas min geol 7 no.3:385-392 '62.

HOMOLA, Vladimir; MICHALICEK, Miroslav

Pumping tests at the Nova Vieska-1 key borehole and characteristics
of the acquired water and gases. Prace Ust naft 22 no.99:104-
118 '64.

HOMOLA, Vladimir

Outline of the geological survey of the southeastern part of the Danube Valley, a project of key boring and its tasks. Prace Ust naft 22 no.99:9-16 '64.

Lithologic and stratigraphic section and tectonics of the Nova Vieska-1 key borehole. Ibid.:17-31

Geological structure, hydrogeology and prospects of naphtha deposits in the southeastern part of the Danube Valley. Ibid.: 125-158

HOMOLKA, B.; KRYSTOF, V.

How to solve temporary storage of grain, p. 51.

TECHNIKA VYKUPU, MLYNARSTVI A PEKARSTVI. (Ministerstvo potravinarskeho prumyslu a vykupu zemedelskych vyrobku a Sdruzeni mlynu a pekaren) Praha, Czechoslovakia, Vol. 5, no. 2, Feb. 1959.

Monthly List of East European Accessions (EEAI), IC Vol. 9, no. 2, Feb. 1960

Uncl.

HOMOIKA, I.

Discovery of proteins during electrophoresis in paper. Sbor. Chekh. khim.
rab. 18 no.6:880-881 D '53. (MIRA 7:6)

1. Pervaya klinika detskikh bolezney Detskoy fakul'tetskoy bol'nitsy v
Prage. (Proteins) (Cataphoresis)

HOMOLKA , J.; Technická spolupráce: ANGEROVA, M.

Electrophoretic-polarographic study of pepsinogen and cathepsin
determination. Čas. lek. česk. 102 no. 45:1238-1241 8 N '63.

1. Ustřední laborator fakultní polikliniky KU v Praze, vedoucí
doc. dr. J. Homolka, DrSc.

*

HOMOLKA, J.

HOMOLKA, J.

Epidemic hepatitis in children. Gastroenterologia bohema 4
no.2-4:85-89 Oct 50. (CIML 20:5)

1. Of the First Children's Clinic in Prague (Head--Prof.
Josef Svejcar, M.D.).

HOMOLKA, J.

KRUPIČKA, V., HOMOLKA, J.

Polarographic examination of the cerebrospinal fluid. Pediat.
listy 5:5, Sept.-Oct. 50. 279-82

1. Of the First Children's Clinic (Head---Prof. Jos. Svojcár, M. D.).

CML 20, 3, March 1951

HOMOLKA, J.

GOSTOF, R; HOMOLKA, J; ZELINKA, J.

~~Penicillin~~
Pelentan substances in breast milk and their paradox effect
on prothrombin. Pediat. listy 5 no.4:225-227 July-Aug. 1950.
(CINL 20:1)

1. Of the First Clinic of Prof. Svejcar in Prague.

HOMOLKA, J.

POLACEK, E.; HOMOLKA, J.

Levels of potassium and total calcium in infants during treatment of severe diarrhea with dehydration. *Pediatr. listy* 5 no.6:321-322 Nov-Dec 50. (CIME 20:5)

1. Of the First Children's Clinic (Head--Prof. J. Svejcar, M.D.), Prague

HOMOLKA, J.

HOMOLKA, J.; RIMAN, J.

Variations of vitamin H level in maternal milk during a period of 12 months (September 1948-August 1949). *Pediat. listy* 5 no.6: 326-328 Nov-Dec 50. (OJML 20:5)

1. Of the First Children's Clinic of Prof. J. Svejcar, Prague.

HOMOLKA J. and KRUPICKA V. Z I. detske kliniky prof. MUDr J. Svejcara v Praze. Polarograficke vysetreni likoru Polarography of the CSF Cas. Lek. ces. 1950, 89/12 (344-347) Graphs 2 Tables 2

The polarographic method of examination of the CSF was described in a previous communication. Further results and experiences are given, which reveal the possibility of dividing the curves into two groups. Results above 21 indicate tuberculous meningitis with a probability of 97.5%, results below 21 exclude this disease with equal probability. The experiences gained from 525 examinations of 218 patients are discussed.

Jirout - Prague

So: Neurology & Psychiatry Section VIII, Vol. 4, No. 1-6

HOMOLKA, J.; KRUPICKA, V.

Rapid determination of sodium and potassium with flame photometer for clinical needs. Cas. lek. cesk. 89 no.41:1152-1155
13 Oct. 1950. (CLML 20:1)

1. Of the First Children's Clinic (Head---Prof. Jos. Svejcar, M. D.).